

Claims:

1. A computer system comprising a multiplicity of processors interconnected with one another, and power-supply means common to all said processors, wherein said power-supply means includes means affording fault-tolerating redundancy.
2. A computer system according to Claim 1 wherein the processors are interconnected for operation in parallel with one another.
3. A computer system according to Claim 1 comprising a multiplicity of processor modules, said processors being carried by the processor modules respectively, cabinet means, means mounting the processor modules side-by-side with one another within said cabinet means, and means mounting the power-supply means within the cabinet means.
4. A computer system according to Claim 3 wherein the means mounting the processor modules within the cabinet means comprises racking, the racking includes tracks, and the processor modules are mounted on said tracks for sliding movement selectively in and out of said cabinet means.
5. A computer system according to Claim 1 wherein the power-supply means comprises a plurality of power-supply modules, and means coupling the power-supply modules in parallel with one another for supplying power to the processors.
6. A computer system according to Claim 5 wherein each power-supply module includes circuitry responsive to the

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occurrence of a fault within that respective power-supply module to isolate that individual power-supply module from supplying power to the processors.

7. A computer system according to Claim 6 wherein said circuitry is diode circuitry.

8. A computer system according to Claim 6 wherein said circuitry of each power-supply module is responsive to reduction in voltage output of the respective power-supply module to isolate that individual power-supply module from supplying power to the processors.

9. A computer system according to Claim 1 wherein the power-supply means comprises a plurality of pairs of power-supply modules, means coupling the two power-supply modules of each said pair together for supplying power in parallel with one another, and means coupling the pairs of power-supply modules in parallel with one another for supplying power to the processors.

10. A computer system according to Claim 9 wherein each power-supply module of each pair includes circuitry responsive to the occurrence of a fault within that respective power-supply module to isolate that power-supply module from supplying power in parallel with the other power-supply module of the respective pair.

11. A computer system according to Claim 10 wherein said circuitry is diode circuitry.

12. A computer system according to Claim 10 wherein said circuitry of each power-supply module is responsive to reduction in voltage output of the respective power-supply module to isolate that individual power-supply module from supplying power to the processors.

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